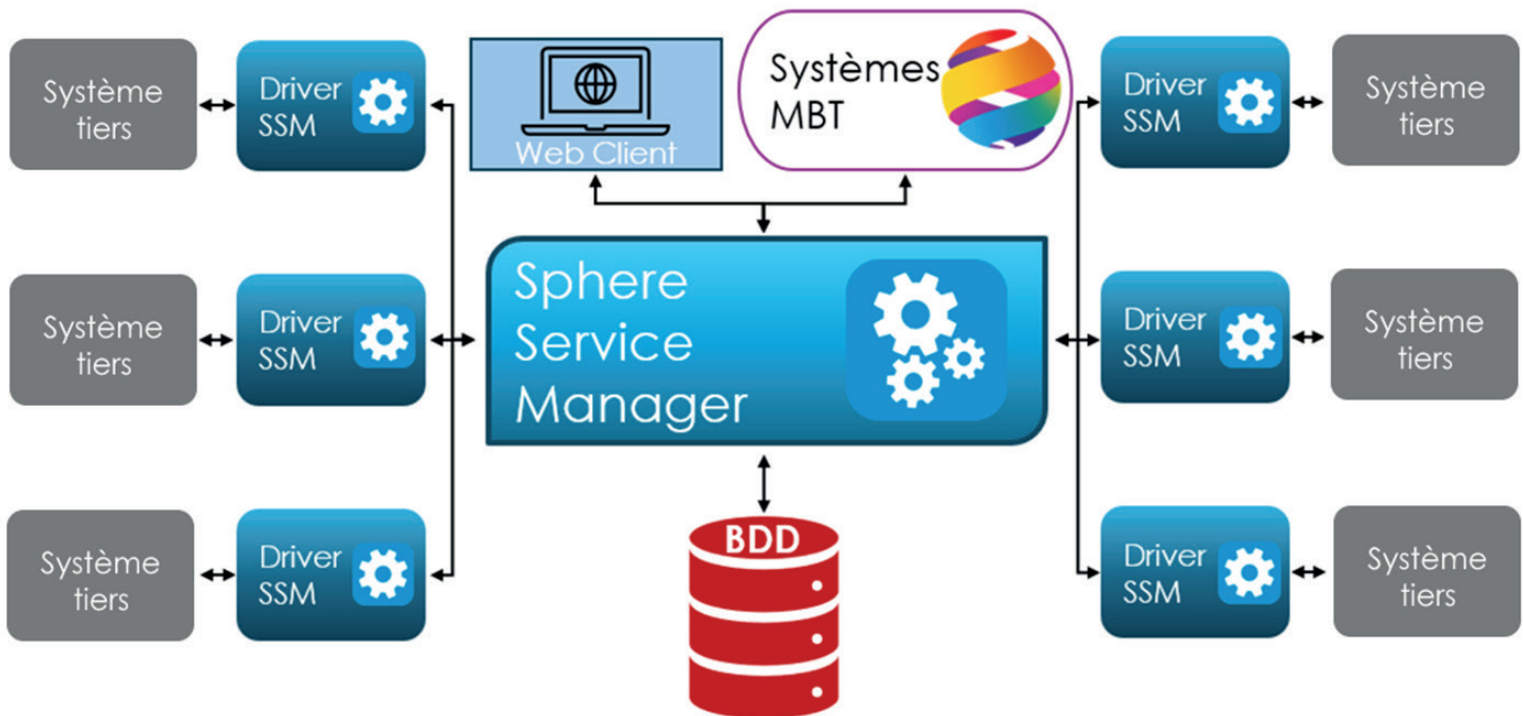# SPHERE SERVICE MANAGER

Media's distribution has become a major stake for broadcasters. Intern distribution towards partners or replay and VOD platforms: MBT conceived a unique dedicated solution to create and manage automatic or semi-automatic distribution workflows (from the simplest to the most complex ones without any difficulty).

Sphere Service Manager (**SSM**) is a powerful workflow engine fully thought for audiovisual treatments and media's distribution automation. It offers an unmatched versatility and efficiency thanks to its innovative web client and its intuitive workflows editor.

KEY FEATURES :

- Real time workflows supervision and management thanks to a web client

- Easy on demand workflow creation

- Modular system compatible with any external third-party infrastructure

- Detailed statistic tools

- Intelligent optimization resource management

MODULAR ARCHITECTURE

Sphere Service Manager (**SSM**) relies on a star architecture with a central server central (**SSM Server**) which drives the whole operations. The told central sever, helped by a dedicated database, orchestrates, and optimizes workflows execution according to their priority order and to the resources and third-party systems availability. This organization guarantees an efficient and smooth processus management and assures an optimum realization of you whole scheduled tasks.

The **SSM** is kitted out by an at least fifty driver library which allows to stay compatible with the latest technical innovations and to regularly adapt its infrastructure. Those drivers are essential to its working. Some of them are responsible of the external equipment driving whereas others directly execute tasks or exchange with some other MBT applications. This diversity of features assures an increased versatility and adaptability which makes the **SSM** particularly polyvalent and effective

Working along with the **SSM Server**, the **Workflow Factory** allows to set distinct types of triggers up, whether they are manual by using the **SSM** web or **Sphere MAM** clients or automatic by preparing watchfolders or by database updates.

The dedicated database guarantees an accurate workflow following up. It eases up the establishment of a detailed statistic base and allows a deep analysis of performances.

ON DEMAND WORKFLOW CONCEPTION

Sphere Service Manager allows you to easily create and modify your workflows by adapting them to your specific needs. Our solution will answer to all your demands whether it is a simple approval process, a complex multiple steps workflow or a combination of both. Customize your notifications, define your escalation rules, and make your repetitious tasks automatic without any effort to free yourself a precious time.

The presets editor offers a matchless flexibility thanks to its customizable details and actions lists. It allows to define precise conditions for each step whether it needs or not quality controls. Transcoding, FTP transfers management, metadata edition: control to the last-minute details your delivery process automation. The possibility to save, delete or create new presets simplifies your workflows management allowing you to focus on the essential: performance and quality of your operations.

COMPLETE AND INTUITIVE WEB CLIENT

Sphere Service Manager proposes a complete and intuitive web client answering to the administrators needs. Stay connected and administrate your workflows effortlessly whether you are at your office, away from it or teleworking. Everything is directly accessible: detailed overseeing or management, jobs manual creation, different driver status, statistics.
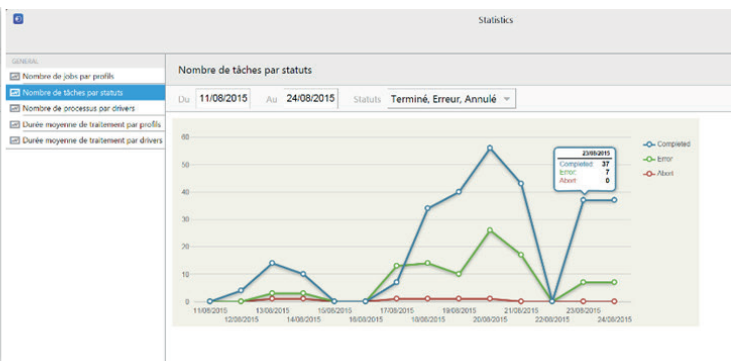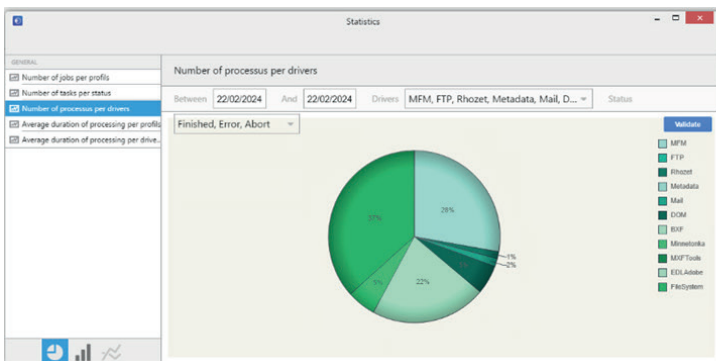
WORFLOWS ADMINISTRATION AND SUPERVISION

The web client offers a simplified interface to access to the **SSM** global supervision. It allows you to manage priorities, to follow, in real time, the workflows progress and to make actions such as cancel, restart, or delete tasks and workflows. Furthermore, you will be able to precisely oversee the drivers state, running, in an error state or finished tasks.

SSM STATISTICS

The **SSM Statistics** tool, using the SSM database, offers a detailed and chronological analysis of the workflows execution. It allows to make a complete and reliable evaluation of the system and the drivers global functioning thanks to its numerous parameters and to its various views (histograms, graphs, diagrams, charts).

MAKE YOUR DATA FLOW